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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/967,094
Filing Date	09/28/2001
First Named Inventor	Bhowmik, Siddhartha
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	Bhowmik 12-146-1/075903-33

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1) Notice to Correct Papers
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2) Submittal of Formal Drawings
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	3) Return Postcard
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Robert L. Wolter, Esquire Beusse, Brownlee, Bowdoin & Wolter, P.A.
Signature	
Date	January 4, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: **January 4, 2002**

Typed or printed name	Gwendolyn C. Ramsey
Signature	
Date	January 4, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Siddhartha Bhowmik

Serial No.: 09/967,094

Filed: 9/28/2001

Title: A Barrier Layer for Interconnect
Structures of a Semiconductor
Wafer and Method for Depositing
the Barrier Layer

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned



Commissioner for Patents
Attention: Official Draftsperson
Post Office Box 2327
Arlington, Virginia 22202

Sir:

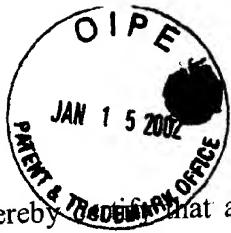
SUBMITTAL OF FORMAL DRAWINGS

In response to the Notice to File Corrected Papers mailed on November 5, 2001, enclosed herewith are six (6) sheets of formal drawings for FIGs. 1 through 7. A copy of the notice is also enclosed.

Please substitute these formal drawings for the drawings now on file in the above-identified patent application.

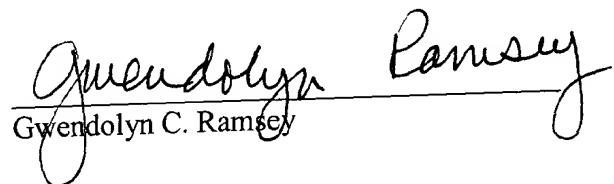
Respectfully submitted,

Robert L. Wolter, Esquire
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Certificate of Mailing

I hereby certify that a true and correct copy of the above and foregoing Submittal of Formal Drawings was furnished by First Class Mail to the Commissioner for Patents, Attention: Official Draftsperson, Post Office Box 2327, Arlington, Virginia 22202 on this 4th day of January, 2002.


Gwendolyn C. Ramsey



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/967,094	09/28/2001	Siddhartha Bhowmik	Bhowmik 12-146-1/075903-0

29391
BEUSSE, BROWNLEE, BOWDOIN & WOLTER, P. A.
390 NORTH ORANGE AVENUE
SUITE 2500
ORLANDO, FL 32801

CONFIRMATION NO. 7197
FORMALITIES LETTER



OC00000007024269

Date Mailed: 11/05/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - Drawings must be in dark ink (not pencil), except where color drawings or photographs are permitted.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

VIA EXPRESS MAIL ET 14993406 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
 Applicant: Agere Systems, Inc.)
)
 Application No.: Submitted Herewith)
)
 Filing Date: Submitted Herewith)
)
 For: A BARRIER LAYER FOR INTERCONNECT)
 STRUCTURES OF A SEMICONDUCTOR)
 WAFER AND METHOD FOR DEPOSITING)
 THE BARRIER LAYER)
)

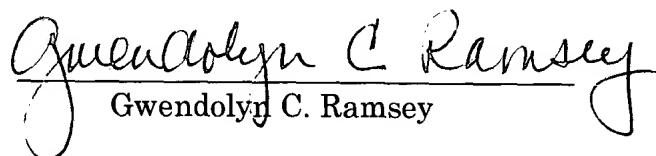
Commissioner of Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

EXPRESS MAIL # ET 14993406 US

Date of Deposit: September 28, 2001

I hereby certify that the attached Utility Patent Application was deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner of Patents, Box PATENT APPLICATION, Washington, D.C. 20231.


Gwendolyn C. Ramsey